



 PRODUCT-DETAILS

E6.2H 4000 Ekip Dip LI 3p F HR

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General Information

| | |
|-----------------------|--|
| Extended Product Type | E6.2H 4000 Ekip Dip LI 3p F HR |
| Product ID | 1SDA071231R1 |
| EAN | 8015644750817 |
| Catalog Description | E6.2H 4000 Ekip Dip LI 3p F HR |
| Long Description | C.BREAKER EMAX2 E6.2H 4000 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LI R 4000 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

ABB EcoSolutions

| | |
|------------------|-----|
| ABB EcoSolutions | Yes |
|------------------|-----|

Circular Value

| | |
|-------------------------------|---|
| Circular Design | Design for Closing Resource Loops - Standard EN45555 - 77 % |
| Principles Recyclability Rate | |
| End of Life Instructions | 9AKK108468A2364 |

Group Waste to Landfill
Target

UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

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|---|------------------------------------|
| Environmental Product Declaration - EPD | 9AKK108468A1905 9AKK108468A1913 |
|---|------------------------------------|

Environmental

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|---------------------------|-----------------|
| Environmental Information | 9AKK108467A6707 |
|---------------------------|-----------------|

Material Compliance

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|---|---|
| REACH Declaration | 9AKK108466A1425 |
| RoHS Information | 9AKK108466A1424 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| Toxic Substances Control Act - TSCA | 9AKK108467A8326 |
| SCIP | c04c4e99-5566-4b60-a5e0-f0ca90ac1a52 Italy (IT) |
| Simplified SCIP | e3af6a0f-439a-4d54-b0a9-11868fdf4150 Germany (DE) 1fd54fff-0325-4f33-b855-1fe3fa47fa86 Belgium (BE) 2d75bb9f-b88b-472c-bd82-6aaf31908d2b Estonia (EE) 31dc4d3a-9fde-4f58-9662-3d16395621f2 Poland (PL) 9bc4deba-bbad-4000-86ff-043b60aaba6f Sweden (SE) e0a20583-5a43-4256-b6b7-a9aa1bdab6d3 Portugal (PT) 0e61ae21-1c95-46cf-88bd-af2a57be6498 Bulgaria (BG) ccc66ef6-394f-4c6d-a758-244f20ba8dc9 Greece (GR) a25d4c91-2dd6-4179-85ea-225c2e90cf83 Germany (DE) 94f12d4b-dc25-462b-b70e-0280cbd6e070 Germany (DE) 9e554afa-69c2-443f-89f5-8dc39e78effa Poland (PL) 80260b36-9ec7-4383-a991-f621a4be0dbd Germany (DE) 5520ebd6-b83e-4acb-9a5e-4002340a409e France (FR) d8f53b2b-7af2-46a1-ac6d-07f3d6d75d91 Norway (NO) 0a1e038e-8e70-4592-b0cd-ce491ee3b438 Denmark (DK) 044c687d-0bc1-46e7-a414-0f558a7042b0 Belgium (BE) 484a16d0-5a35-4967-89fe-d51ac68d71ec Sweden (SE) 0b5e8a49-1014-44e6-9013-5504f4cf9eab Czech Republic (CZ) 109fd05e-5109-4922-a49f-4432a2099752 Finland (FI) ec69476d-ca47-4ca7-bb94-77107c1e125b Croatia (HR) 5784049e-98fa-4811-b2c9-6f7bd807e6aa Hungary (HU) 558ad2f3-4fa7-463e-a53f-c2afc3031d4c France (FR) 9e66f546-611e-4cbb-8ecc-c876a09ea652 Hungary (HU) 33164212-9ac7-4ba7-9f90-a84ed86c4314 Germany (DE) c64aed0c-fff2-4fc8-834a-f0f0082ae7b8 Spain (ES) 1619ed23-1aa9-4098-92f6-0f97ec54134b Poland (PL) acc7d1f6-e3bb-4214-8648-8790092516ab Netherlands (NL) |

Ordering

| | |
|--------------------------|----------------------|
| Order Code US and Canada | Z6HWERBA000A000000XX |
| EAN | 8015644750817 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

Dimensions

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|----------------------------|--------|
| Product Net Width | 762 mm |
| Product Net Height | 371 mm |
| Product Net Depth / Length | 270 mm |
| Product Net Weight | 109 kg |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 515 mm |
| Package Level 1 Height | 610 mm |
| Package Level 1 Depth / Length | 1000 mm |
| Package Level 1 Gross Weight | 118 kg |
| Package Level 1 EAN | 8015644750817 |

Additional Information

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|-------------------------|---------------------|
| Product Main Type | SACE Emax 2 |
| Product Name | Air Circuit Breaker |
| Product Type | Air Circuit Breaker |
| Version | F |
| CAD Dimensional Drawing | 1SDH001252R0223 |

Technical

| | |
|--|---|
| Current Type | AC |
| Electrical Durability | Ue = < 440 V 4000 cycle Ue = 500 ... 690 V 4000 cycle 10 cycles per hour |
| Mechanical Durability | 12000 cycle 60 cycles per hour |
| Number of Poles | 3 |
| Power Loss | 309 W |
| Rated Current (I _n) | 4000 A |
| Rated Impulse Withstand Voltage (U _{imp}) | acc. to IEC 60947-2 12 kV |
| Rated Insulation Voltage (U _i) | AC 1000 V |
| Rated Operational Voltage | 690 V AC |
| Rated Service Short-Circuit Breaking Capacity (I _{cs}) | (220 V AC) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 100 kA (660 V AC) 100 kA (690 V AC) 100 kA |
| Rated Service Short-Circuit Breaking | 100 % |

| | |
|---|--|
| Capacity, in % of I _{cs}) | |
| Rated Short-time Withstand Current Low Voltage (I _{cw}) | for 1 s 100 kA for 3 s 100 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}) | (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA |
| Rated Uninterrupted Current (I _u) | 4000 A |
| Rated Voltage (U _r) | 690 V |
| Recommended Screw Driver | Main Circuit M12 |
| Release | Ekip Dip LI |
| Release Type | EL |
| Short-Circuit Performance Level | H |
| Standards | IEC |
| Sub-type | E6.2 |
| Terminal Connection Type | Rear flat Horizontal |
| Terminal Type | Bolt |
| Tightening Torque | 70 N·m |

Certificates and Declarations

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|-----------------------------------|-------------------------|
| ATEX Certificate | No certification needed |
| CSA Certificate | No certification needed |
| CSA Certificate (Intrinsic Safe) | No certification needed |
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE | 9AKK106713A5544 |
| UL Certificate | No certification needed |
| VDE Certificate | No certification needed |
| Mechanical Drawings | 1SDH001060R0100 |
| Wiring Diagram | 1SDM000091R0001 |
| Instructions and Manuals | 1SDH001000R0002 |

Classifications

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|----------------------------|--|
| ETIM 8 | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9 | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q |
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |
| eClass | V11.1 : 27370409 |

Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

